

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

1. (currently amended) A storage system coupled to a host computer via a first interface, the storage system comprising:

[[an]] a second interface [[to a host computer]] coupled to a console for receiving management operation to the storage system from the console;

a storage controller including a central processing unit that conducts an I/O operation from the host computer and the management operation from the console; and

~~a memory to store an operation log, the operation log being used to record a description of a management operation and a corresponding timestamp;~~

storage volumes defined by at least one storage device; [[and]]

~~an attribute for each of the storage volumes stored in the memory,~~

~~wherein write access to each of the storage volumes is dependent on the attribute.~~

wherein the storage controller collects log information of the management operation on at least one of the storage volumes.

2. (canceled)

3. (currently amended) The storage system of claim 1 wherein the [[memory]] log information of the management operation is stored in a non-volatile random access memory.

4. (original) The storage system of claim 1 wherein the storage device is a hard disk drive, the storage system having at least 10 hard disk drives, the storage system being a disk array unit.

5. (canceled)
6. (canceled)
7. (canceled)
8. (canceled)
9. (canceled)
10. (canceled)
11. (canceled)
12. (canceled)
13. (canceled)
14. (canceled)
15. (canceled)
16. (canceled)
17. (canceled)
18. (canceled)

19. (new) The storage system of claim 1, wherein the storage controller collects log information of the management operation on at least one of the storage volumes when the at least one of the storage volumes are set write protect.

20. (new) The storage system of claim 1, wherein the storage controller collects log information of the I/O operation.

21. (new) The storage system of claim 20, wherein the log information of the management operation is stored separately from the log information of the I/O operation.

22. (new) The storage system of claim 1, wherein the log information of the management operation includes a command to change an attribute of a logical volume.

23. (new) The storage system of claim 1, wherein the log information of the management operation is associated with each of the storage volumes.